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Saarbrücken (DE). WITTMANN, Christoph [DE/DE];
Am Kalkofen 13, 66127 Saarbrücken (DE).

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(71) Applicant (for all designated States except US): BASF AKTIENGESELLSCHAFT [DE/DE]; Rheinland-Pfalz, 67056 Ludwigshafen (DE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): ZELDER, Oskar [DE/DE]; Franz-Stutzel 8, 67346 Speyer (DE). KLOPPROGGE, Corinna [DE/DE]; Diemersteinstr. 3, 67065 Ludwigshafen (DE). SCHRÖDER, Hartwig [DE/DE]; Benzstrasse 4, 69226 Nubloch (DE). HÄFNER, Stefan [DE/DE]; Luitpoldstrasse 11, 67063 Ludwigshafen (DE). KRÖGER, Burkhard [DE/DE]; Im Waldhof 1, 67117 Limburgerhof (DE). KIEFER, Patrick [DE/DE]; Am Homburg 5G, 66123 Saarbrücken (DE). HEINZLE, Elmar [DE/DE]; Senator-Richard-Becker-Strasse 48, 66123

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(54) Title: METHODS FOR THE PREPARATION OF LYSINE BY FERMENTATION OF CORYNEBACTERIUM GLUTAMICUM

(57) Abstract: The present invention features methods of increasing the production of a fine chemical, e.g., lysine from a microorganism, e.g., *Corynebacterium* by way of deregulating an enzyme encoding gene, i.e., fructose-1,6-bisphosphatase. In a preferred embodiment, the invention provides methods of increasing the production of lysine in *Corynebacterium glutamicum* by way of increasing the expression of fructose-1,6-bisphosphatase activity. The invention also provides a novel process for the production of lysine by way of regulating carbon flux towards oxaloacetate (OAA). In a preferred embodiment, the invention provides methods for the production of lysine by way of utilizing fructose or sucrose as a carbon source.

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